

Chapter Everything Else Preview
FST

Name _____

The Rest of the Year

Date _____

9-4: Division and the Remainder Theorem

- How do you divide polynomials using long division?
- What is the Remainder Theorem?

9-5: The Factor Theorem

- How are zeros of a polynomial related to the factors of a polynomial?
- What is the factor Theorem?
- What is the Factor-Solution-Intercept Equivalence Theorem?

Synthetic Division

- What is synthetic division?

9-8: Factoring Sums and Differences of Powers

- How do you factor polynomials?
- What is the Sums and Differences of Cubes Theorem?
- What is the Sums and Differences of Odd Powers Theorem?

9-9: Advanced Factoring Techniques

- How do you factor polynomials?

13-1: The Secant, Cosecant, and Cotangent Functions

- How do you calculate secant, cosecant, and cotangent?

Parametric Equations

- What are parametric equations?
- How do you graph parametrically?

Wiki Summaries:

- 9-4: Nathan F. and Shelby N.
- 9-5: Jesse B. and Andrea M.
- Synthetic Division: Jeremy G. and Katie K.
- 9-8: Kelly H. and Bonus
- 9-9: Bonus and Bonus
- 13-1: Bonus and Bonus
- Parametrics: Bonus and Bonus

Homework:

- 9-4: p. 581 #1 – 15
- 9-5: p. 587 #2 – 18
- Synthetic Division: Worksheet
- 9-8: p. 605 #1 – 19
- 9-9: p. 610 #1 - 17
- 13-1: p. 809 #1 – 21
- Parametrics: Worksheet